

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:2443
ANSWERED ON:15.12.2004
SEISMIC SURVEY
Shaheen Shri Abdul Rashid

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether the Government has conducted any seismic survey of the country to ascertain the areas that are vulnerable to earthquake in the country;
- (b) if so, the details of the survey and areas that have been found vulnerable, State-wise;
- (c) whether any awareness programme for the people of these areas is under the consideration of the Government; and
- (d) if so, the details thereof?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF SCIENCE & TECHNOLOGY AND MINISTER OF STATE (INDEPENDENT CHARGE) OF THE DEPARTMENT OF OCEAN DEVELOPMENT (SHRI KAPIL SIBAL)

(a) & (b) Yes, Sir. Based on the various scientific inputs, from a number of agencies Bureau of Indian Standards (BIS) has grouped the country into four seismic zones viz., Zone II, III, IV and V. Of these, Zone V is the most seismically active region, while Zone II is the least. Broadly, Zone-V comprises of entire northeastern India, parts of Jammu and Kashmir, Himachal Pradesh, Uttaranchal, Rann of Kutch in Gujarat, parts of North Bihar and Andaman & Nicobar islands. Zone-IV covers remaining parts of Jammu & Kashmir and Himachal Pradesh, Union Territory of Delhi, Sikkim, northern parts of Uttar Pradesh, Bihar and West Bengal, parts of Gujarat and small portions of Maharashtra near the west coast and Rajasthan. Zone-III comprises of Kerala, Goa, Lakshadweep islands, remaining parts of Uttar Pradesh, Gujarat and West Bengal, parts of Punjab, Rajasthan, Madhya Pradesh, Bihar, Jharkhand, Chhatisgarh, Maharashtra, Orissa, Andhra Pradesh, Tamilnadu and Karnataka. Zone-II covers remaining parts of the country.

(c) & (d) The Department of Science & Technology supports periodical organisation of earthquake awareness programme in different parts of the country in the form of workshops & short term courses. Also, a School Earthquake Observatory Programme has recently been initiated under the Mission Mode Project on Seismology with a view to impart earthquake education and awareness about earthquake phenomena amongst school children and public. A video film both in English and Hindi has been prepared for creating awareness among common people. Besides DST's efforts, Ministry of Home Affairs has also initiated several programmes dealing with earthquake education & awareness at national level.